

## ABSTRACT OF THE DISCLOSURE

### ETCHED CIRCUIT FOR LIGHTNING PROTECTION

The disclosure relates to the lightning protection of the transmitters in a transmission system. An etched circuit with lightning protection comprises at least one main line connected to a connector adapted to the output of a transmission antenna of the transmission system working at a fixed frequency or in a narrow frequency band around the fixed frequency. The circuit comprises a main line and at least one first line connected to the main line and substantially equivalent to an open circuit with respect to the main line for the stated frequency. The circuit can also perform a harmonic filtering function, thus increasing compactness by using a single circuit for both functions.